

Rec'd PCT/PTO 07 OCT 2005

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
21 October 2004 (21.10.2004)

PCT

(10) International Publication Number  
**WO 2004/090509 A1**

(51) International Patent Classification<sup>7</sup>: G01N 13/02

(74) Agent: VARBANOV, Julian; J.Varbanov & partners, 3, Pozitano str., 2nd floor, 1000 Sofia (BG).

(21) International Application Number:  
PCT/BG2004/000007

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 9 April 2004 (09.04.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
107715 9 April 2003 (09.04.2003) BG

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (for all designated States except US): SECURY BG MARK LTD [BG/BG]; j.k. Mladost 3, Bl.380, 1712 Sofia (BG).

(71) Applicants and

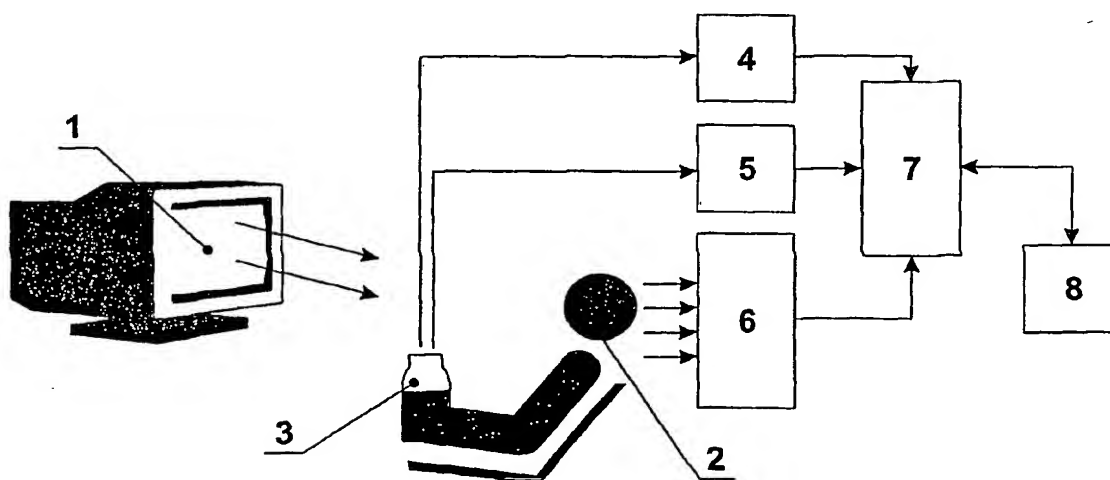
(72) Inventors: JELEV, Jivko [BG/BG]; j.k. Mladost 4, Bl.417, App.31, 1712 Sofia (BG). ANTONOV, Anton [BG/BG]; j.k. Hipodruma, Bl.111, Vh.A, App.19, 1612 Sofia (BG). GALABOVA, Tatyana [BG/BG]; j.k. Hipodruma, Bl.111, Vh.A, App.4, 1612 Sofia (BG).

Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations

[Continued on next page]

(54) Title: METHOD AND DEVICE FOR EVALUATION OF BIO-PSYCHO-PHYSICAL INFLUENCE OF RADIO, TELEVISION AND MEDIA PRODUCTS UPON HUMANS



(57) Abstract: Method and equipment for estimation the biopsychophysical influence of radio, TV and media product on the man, characterizing itself that the media product (1) acts on the person (2), holding in his hands a bottle with water (3), drop from which are taken and placed in a equipment measuring the surface tension and fluctuations the drop's surface potential (4) and in an other equipment measuring the water intramolecula energy spectrum (5) and the data from both systems together with data from equipment's determining the biophysical parameters of the person are processed by the computer (7) compatible with the data (8) from previous measurements of that person.

WO 2004/090509 A1



— of inventorship (Rule 4.17(iv)) for US only

**Published:**

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

# INTERNATIONAL SEARCH REPORT

International Application  
PCT/BG2004/0000

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G01N13/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A,P	DATABASE WPI Section PQ, Week 200337 Derwent Publications Ltd., London, GB; Class P31, AN 2003-390609 XP002293049 & RU 2 202 274 C2 (null) 20 April 2003 (2003-04-20) abstract	1-3
A	US 5 080 484 A (RINCK HELMUT ET AL) 14 January 1992 (1992-01-14) abstract	1-3
A	DE 198 45 867 A (INST POLYMERFORSCHUNG DRESDEN) 22 July 1999 (1999-07-22) the whole document	1-3
-/--		

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*Z\* document member of the same patent family

Date of the actual completion of the international search

19 August 2004

Date of mailing of the international search report

01/09/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Thomte, M

## INTERNATIONAL SEARCH REPORT

International Application

PCT/BG2004/000007

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 261 229 B1 (QIAO YUE ET AL) 17 July 2001 (2001-07-17) column 2, line 36 - column 3, line 11 -----	1-3
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 21, 3 August 2001 (2001-08-03) & JP 2001 116675 A (SEIKO EPSON CORP), 27 April 2001 (2001-04-27) abstract -----	1-3

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application

PCT/BG2004/0000

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
RU 2202274	C2	20-04-2003	NONE	
US 5080484	A	14-01-1992	DE 3814662 C1 JP 2028536 A JP 2731590 B2	28-12-1989 30-01-1990 25-03-1998
DE 19845867	A	22-07-1999	DE 19845867 A1	22-07-1999
US 6261229	B1	17-07-2001	NONE	
JP 2001116675	A	27-04-2001	NONE	